

### Compatibility Notes

This is the compatible equipment approved with the Software Update 18-1 release, and is subject to change with newer software updates. To ensure complete and proper compatibility, the most current version of implement control unit software, Gen 4 Display software, or compatible farm management information software (FMIS) should be used. Non-current software versions will require update before support can be provided. Unapproved software version configurations will not be supported.

Machine Compatibility	Machine Model Year	4600 (V2.0)	4640
<b>John Deere Large Ag Tractors</b>			
9R/9RT/9RX Series	2015 and newer	X	X
9R/9RT Series	2012 - 2014		X
9030/9030T Series	2008 and newer		X
8R/8RT Series	2014 and newer	X	X
8R/8RT Series	2010 - 2013		X
8030/8030T Series	2006 and newer		X
7R Series	2014 and newer	X	X
7R Series	2012 - 2013		X
7030 Series	2007 and newer		X
7030 Series (Large Frame)	2007 and newer		X
6030, 7030 Series (Small Frame)	2006 and newer		X
6R Series	2015 and newer	X	X
6R Series	2012 - 2014		X
6M Series	2015 - 2017		X
<b>John Deere Nutrient Applicators</b>			
F4365 High Capacity	2017 and newer	X	
<b>John Deere Sprayers</b>			
4 Series Sprayers	2018 and newer	X	
4 Series Sprayers	2013-2017		X
4940	2012 and newer		X
30 Series Sprayers (4630, 4730, 4830)	2007 and newer		X
30 Series Sprayers (4930)	2009 and newer		X
<b>John Deere Combines</b>			
S700 Series	2018 and newer	X	
S430, S440	2017 and newer	X	
<b>Competitive Equipment</b>	Please Reference 4640 Ag Sales Manual		X

Equipment	Model Year/Controller Name	Software Version	4600 (V2.0)	4640
<b>John Deere Planters*</b>				
SeedStar™ 2	Black PM1	22.00	X	X
	Black PA1, (if available PA 2)	22.00	X	X
SeedStar™ XP	Black PM1	22.00	X	X
	Black PA1, (if available PA 2)	22.00	X	X
	PM2	7.00	X	X

# Generation 4 Displays

## Software Update 18-1 Release Notes

Generation 4 OS 10.10.404-390

SeedStar™ 3HP	Planter Main A (PCMA)	5.0	X	X
	Planter Main B (PCMB or MMC)	8.00	X	X
	Row-unit Controller (RUC)	2.00	X	X
	EPG	3.00	X	X
SeedStar™ 4HP	Planter Apps	10.2.170-12	X	X
	Planter Main A (PCMA)	4.0	X	X
	Planter Main B (PCMB or MMC)	3.0	X	X
	Row-unit Controller (RUC)	2.0	X	X
	EPG	2.0	X	X
John Deere Air Seeding*				
C850 Air Cart	Cart Master Controller (CMC)	7	X	X
	Mini Tank Controller (TXC)	3	X	X
	Front, Middle, Rear Tank Controller (TCU)	3	X	X
1870 Seeding Tool	2017 and newer	2	X	X
TruSet™	2017 and newer (IDC)	3.00	X	X
RelativeFlow™ Blockage	2017 and newer (BMU)	1.00	X	X
1910 Air Cart				
Ground Drive	2009 and newer	3.00	X	X
Hydraulic Drive	2013 and newer	7.00	X	X
Seeding Tools with Air Run Blockage				
Primary Blockage	2009 and newer (BMU)	10.01	X	X
All Run Blockage	2009 and newer (BMU)	10.01	X	X
	Member Module	5.00	X	X
1990 CCS™	2009 and newer (BMU)	11.00	X	X
John Deere Tillage				
AccuDepth™		11	X	X
TruSet™				
2730		1.64B	X	X
2230 and 2330		1.73G	X	X
John Deere Balers				
Baler Automation		10.07	X	X
John Deere Pull-Type Sprayers				
M700/M700i Trailed Sprayers	2014 and newer	7.01 N/P	X	X
M900/M900i Trailed Sprayers	2017 and newer	7.01 N/P	X	X
R900i Trailed Sprayers	2011 and newer	7.01 N/P	X	X
732i, 740i Trailed Sprayers	2008-2014	4.11/4.12	X	X
832i, 840i Trailed Sprayers	2005-2015	4.11/4.12	X	X
832iTF, 840iTF Trailed Sprayers	2005-2015	4.11/4.12	X	X

\*See additional information below

Precision Ag Technology Controllers	Controller Name	Software Version	4600 (V2.0)	4640
StarFire™ Receivers*				
StarFire™ 6000*		Compatible	X	X
StarFire™ 3000		Compatible	X	X
Modular Telematics Gateways (MTG)*				
3G		21.01	X	X
4G LTE		23.01	X	X
GreenStar™ Rate Controller		3.50A	X	X
GreenStar™ Rate Controller Dry		2.20A	X	X
John Deere Rate Controller 2000*		1.10N	X	X
AutoTrac™ Universal* 200		2.30A		X
AutoTrac™ Controller*		1.11B		X
AutoTrac™ RowSense™	RG3	AKK15783D	X	X
AutoTrac™ Vision	VGC	3.02D	X	
Active Implement Guidance (VT)	Application 1100	2.71T	X	X
iGrade™	Application 1100	2.71T	X	X
Wireless Data Server Apps*	Wireless Data Server	1.422.1	X	X
	Connect Mobile App*	4.0.0.3	X	X
Mobile Weather	Application 1120	1.51S	X	X

\*See additional information below

### Extended Monitor

When using extended monitor with equipment visualized in ISOBUS VT Viewer and applying VT run page modules to two run pages shown at the same time, the extended monitor's VT modules will not update. To mitigate this, only view VT modules on one run page at a time.

### John Deere Planters

SeedStar™ 4HP Planters are compatible with 4600 Displays with a version 2 (V2) processor and 4640 Universal Displays. Displays should be running Gen 4 OS software version 10.9.79-124 or newer and the most current version of Tractor Applications to be compatible with SeedStar™ 4HP Planter Applications. Additionally, dual display mode is not available for use with SeedStar™ 4HP Planter Applications at this time. If multiple monitors are needed, utilize Gen 4 Extended Monitor.

The SeedStar™ 2 configuration above is available only on factory-installed Model Year 2011 and newer planters, and may be field-installed on MY2009-10 planters. Green PM/PA controllers (factory-installed on MY2009-10 planters) are not supported with a Gen 4 Display.

John Deere Dealers: Service ADVISOR™ is needed to update SeedStar™ 2, XP, and 3HP software.

Documentation is not supported when using a rate controller to control row clutches on a John Deere planter.

### John Deere Air Seeders

The C850 Air Cart requires a 4600 CommandCenter™ or a 4640 Universal Display. GreenStar™ 3 2630 monitors are not supported.

### StarFire™ Receivers

StarFire™ Receivers can be updated in the following ways:

- Gen 4 Display USB port.
- Remote Software Updates application (in ISOBUS VT app)
- GreenStar™ Display
- Service ADVISOR™ (John Deere Dealers only).
- Receiver USB Port (available only for StarFire™ 6000)

Additionally, StarFire™ ITC Receivers are no longer supported with SU2017-1 and newer software.

StarFire™ 6000 Receivers require software version 3.80F or higher when used with AutoTrac™ Implement Guidance.

### John Deere Operations Center

Activations/Subscriptions Required for Wireless Data Transfer:

- A CommandCenter™ Premium activation or Core Subscription are required to wirelessly transfer files.
- JDLink™ Ultimate + WDT + RDA or JDLink™ Connect subscription

To use Remote Display Access (RDA) on a Gen 4 CommandCenter™ with GreenStar™ 3 2630 Display connected in the same machine, GS3 2630 software version 3.22.1095 (SU2014-1) or higher is required. [4600 CommandCenter™ and 4640 only]

### Mobile Weather

Mobile Weather on Application Controller 1120 is now compatible with the Generation 4 CommandCenter™. Generation 4 Mobile Weather data is compatible with the John Deere Operations Center and will be viewable later in 2018 [4600 & 4640].

### GreenStar™ Rate Controller and GreenStar™ Rate Controller Dry

GreenStar™ Rate Controller Dry is supported with the 4600 CommandCenter™ starting with Software Update 17-2. The 4600 CommandCenter™ and 4640 Universal Display support documentation and section control of up to 5 GreenStar™ Rate Controllers.

To update the GreenStar™ Rate Controller and GreenStar™ Rate Controller Dry, utilize Gen 4 Display USB port or use a GreenStar™ 2 or 3 display. John Deere dealers can also utilize Service ADVISOR™.

### John Deere Rate Controller 2000

The Gen 4 Displays and John Deere Rate Controller 2000 can support documentation and control up to 5 operations. ISO controllers such as SeedStar™ on John Deere Planters can be used with a John Deere Rate Controller 2000 that is documenting additional operations. Additionally, Gen 4 Displays can document shared sections with a John Deere Rate Controller 2000. An example of this would be John Deere Rate Controller 2000 used with Raven Sidekick™ ICD Direct Inject Pump.

For more information on Gen 4 Displays and John Deere Rate Controller 2000 compatibility, please visit the [John Deere Ag Sales Manual](#).

### Implements without Controllers

Implements without controllers can be documented as a stand-alone operation or with a rate controller from John Deere. Implements without controllers cannot be documented with an implement that does have control units. Additionally, multiple implements without controllers cannot be documented together.

### AutoTrac™ Turn Automation:

AutoTrac™ Turn Automation is available on the 4600 CommandCenter™ and is compatible with 4640 Universal Displays installed in Final Tier 4 Tractors. Additionally, AutoTrac™ Turn Automation is not compatible with SeedStar™ 4HP Planters or TruSet™ Tillage technology.

### AutoTrac™ Universal 200 and AutoTrac™ Controller

AutoTrac™ Universal 200 and AutoTrac™ Controllers are for use with the 4640 Universal Display. Please see the AutoTrac™ Controller Sales Manual for exact model compatibility. These products are compatible with ATC Raven, ATC Richardt® and ATC John Deere kits.

### Wireless Data Server Apps

Harvest Mobile is not compatible with the 4640 at this time.

### ISOBUS Implements

A software update performed by an authorized ISOBUS implement dealer may be required to obtain compatible software. ISOBUS Implements must be certified through the AEF Organization to be recognized by the Gen 4 CommandCenter™. Visit [www.aef-online.org](http://www.aef-online.org) for more information; visit [www.aef-isobus-database.org](http://www.aef-isobus-database.org) for an active list of compatible implements.

ISOBUS Implements with VT 4 are now supported by Gen 4 Displays. Gen 4 Displays still support older VT versions (Example: VT2 and VT3). If an implement is not loading after updating to Gen 4 SU2017-2, it is recommended that the implement manufacturer be contacted to get a software version that is either VT3 or VT4.

### Non-John Deere Precision Ag

- Gen 4 Displays are not compatible with RS232 communication at this time.
- Gen 4 Displays are also not compatible with DN345 at this time.

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## Release Notice

These are Generation 4 Display Compatibility notes. Compatibility notes can be found on [www.stellarsupport.com](http://www.stellarsupport.com). Note: Your use of the software is governed by the End User License Agreement included with the software.

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